a first booster stage arranged in the intake duct of the compressor; and

a second booster stage arranged in the exhaust gas duct, or in a bypass duct of the exhaust duct.

2. (Amended) A flow machine comprising:

a compressor, said compressor having an intake duct and a bypass duct to the intake duct;

at least one turbine;

an exhaust duct connected to the at least one turbine directly or through intermediate elements;

a first booster stage arranged in the bypass duct to the intake duct; and

a second booster stage arranged in the exhaust gas duct, or in a bypass duct of the exhaust gas duct.

3. (Amended) The flow machine according to claim 1 or claim 2, wherein at least one of the first booster stage and the second booster stage comprises one or more booster elements with fans, the booster elements with fans being arranged in parallel or series.

4. (Amended) The flow machine according to claim 3, wherein the booster elements have drives which are designed as low voltage drives.

5. (Amended) The flow machine according to claim 3, wherein the fans of the booster elements are driven by a speed-controlled drive.

6. (Amended) The flow machine according to claim 3, wherein the fans of the booster elements are equipped with adjustable fan blades.

7. (Amended) The flow machine according to claim 1, wherein a heat recovery system is provided as an intermediate element between the exhaust duct and the turbine.

8. (Amended) The flow machine according to claim 1, wherein the first booster stage and the second booster stage optimize the inlet of the intake air into the compressor for the entire intake region, or outlet of the exhaust gases from the turbine for the whole exhaust gas region, both with regard to structural features of the intake region and the exhaust gas region and with regard to flow technology.

9. (Amended) The flow machine according to claim 1, wherein the height of the exhaust duct is reduced, relative to a flow machine without a second booster stage, the second booster stage being designed for the compensation of the varied upward drive conditions resulting from the reduction of the height of the exhaust duct.

10. (Amended) A process for the operation of a flow machine according to claim 1, wherein the first booster stage and the second booster stage are operated, individually or in combination, in dependence on specific operating conditions.

11. (Amended) The process according to claim 10, wherein at least one of the first booster stage and the second booster stage is operated when there is a high power requirement or when the provision of reserve power is necessary.

12. (Amended) The process according to claim 10, wherein at least one of the first booster stage and the second booster stage is operated when it is necessary to operate the flow machine for the purpose of frequency regulation.

13. (Amended) The process according to claim 10, wherein at least one of the first booster stage and the second booster stage is driven for the purpose of flushing the plant

during at least one of the period of time before starting the flow machine and the period of time after starting the flow machine.

14. (Amended) The process according to claim 10, wherein during at least one of the stopping and after the stopping of the flow machine, at least one of the first booster stage and the second booster stage is operated for the purpose of cooling the plant.

15. (Amended) The process according to claim 10, wherein during the starting, or during a power increase of the flow machine, at least one of the first booster stage and the second booster stage is operated for the purpose of implementing an increased power gradient of the plant.

16. (Amended) The process according to claim 10, wherein during the starting, or during a power increase of the flow machine, at least one of the first booster stage and the second booster stage is operated for the purpose of a smooth operation of the plant at the same power gradient as without operation of the booster stages.

17. (Amended) The process according to claim 10, wherein during operation of at least one of the first booster stage and the second booster stage, the firing power is reduced in order to provide the same output power of the flow machine as without the operation of at least one of the first booster stage and the second booster stage.

18. (Amended) The process according to claim 10, wherein when it is necessary to improve the emission conditions, the second booster stage is operated for an increase of the outlet speed and hence of the upward drive of the exhaust gases flowing from the exhaust gas duct.

for an increase of the outlet speed and hence of the upward drive of the exhaust gases flowing from the exhaust gas duct.

Please add new Claim 19 as follows:

-- 19. A flow machine comprising:

a compressor, said compressor having an intake duct;

at least one turbine;

an exhaust duct connected to the at least one turbine directly or through intermediate elements;

a first booster stage arranged in the intake duct of the compressor;

a second booster stage arranged in the exhaust gas duct, or in a bypass duct of the exhaust duct; and

wherein a waste heat boiler is provided as an intermediate element between the exhaust duct and the turbine. --